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13. ABSTRACT (Maximum 200 words)  The Atlanta University Center, inc. was contracted by the USAF-ORD Programs to conduct, on a regional basis, a series of three one day workshops, convening 300-400 minority scientists from 19 states, 77 colleges and universities, designed to provide information regarding research opportunities with USAF. (AUG 82)			
<div style="text-align: right;"><b>DTIC</b> <b>ELECTE</b> <b>DEC 06 1989</b> <b>S B D</b></div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"><b>DISTRIBUTION STATEMENT A</b> Approved for public release; Distribution Unlimited</div>			
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The Atlanta University Center, Inc. and the Southern Center for Electrical Engineering Education, co-hosted an Opportunities in Air Force Research and Development Workshop, under the sponsorship of the Air Force Office of Scientific Research, held in Atlanta, Georgia December 4, 1979.

As sub-contractor, the Atlanta University Center, Inc. compiled a list of invitees from 102 historically Black colleges and universities in the southeast region; prepared and sent invitations; secured required facilities; reserved lodging and handled all necessary arrangements which insured successful implementation of the workshop activities.

The workshop attracted 127 participants, representing 69 Black colleges and universities. As a result of these efforts, scientists from 13 institutions participated in summer research programs with one of the national Air Force Labs.

The workshop was considered successful, not only as indicated by the research awards received by many of the participants, but by the fact that through this effort, minority scientists were provided with information on various Air Force research and professional programs. In turn, the Air Force was exposed to another scientific segment capable of addressing their research needs.

The Atlanta University Center, Inc., in order to present its plan as an initiator to encourage participation in the U.S. Air Force Office of Research and Development programs, proposed three workshops to be conducted on a regional basis, convening 300-400 minority scientists from 19 states and 77 colleges and universities. This would be a series of three, one day workshops designed to provide information regarding the basic purposes and research concerns of the U.S. Air Force; the role of Black institutions, corresponding to these concerns, along with providing information on professional programs available through the Air Force Laboratories.

The Atlanta University Center, Inc., working with designated contact persons from host institutions, organized three regional workshops:

- (1) North Carolina A & T State University, May 4-5, 1981
- (2) Tennessee State University, May 7-8, 1981
- (3) Texas Southern University, May 11-12, 1981

### STATISTICAL SUMMARY

#### FIRST REGION

	<u>PROJECTED</u>	<u>INVITED</u>	<u>ACTUAL</u>
States	8	7	7
Institutions	34	31	17
Participants	80	149	40

#### SECOND REGION

	<u>PROJECTED</u>	<u>INVITED</u>	<u>ACTUAL</u>
States	7	5	4
Institutions	30	27	16
Participants	60	133	50

#### THIRD REGION

	<u>PROJECTED</u>	<u>INVITED</u>	<u>ACTUAL</u>
States	4	4	4
Institutions	16	15	14
Participants	60	60	25

(TOTALS)	(PROJECTED)	(INVITED)	(ACTUAL)
States	19	16	15
Institutions	80	73	47
Participants	200	342	115

#### Disciplines Represented:

Chemistry	27
Mathematics	20
Physics	16
Biology	17
Natural Science	4
Engineering	16
Psychology	1
Life Science	1
Not Stated	13
	<u>115</u>

Figures as a result of the three workshops totaled 115 participants, representing 47 institutions from 15 states. The statistical summary represents approximately 50% of the projected participation by institution and state. Although the sessions were considered worthwhile and informative by those who participated, there were several planning aspects that affected their outcome. Originally, the workshops were scheduled during January, 1981. Through discussions with AFSOR the schedule was changed to May, 1981. From the outset, the Center expressed concern regarding the availability of professors during a time when a majority of institutions were involved with final examinations. Center staff surveyed a random sample of invitees to determine the level of participation. Based on this inquiry, it was agreed upon by staff and AFSOR to proceed with the workshops.

#### RECOMMENDATIONS

Future workshops should be planned in two year intervals, maintaining the regional approach to the presentation of AFOSR programs, as opposed to one large group session. Annual presentations would increase the probability of interacting with many of the same institutional representatives. Presentations every two years, on a regional basis, would be less costly and could attract scientists not having and previous exposure to AFOSR programs. Future workshops should be scheduled during the months of October or November. This schedule would allow interested researchers the time to submit application materials for laboratory research awards and would not conflict with a majority of the institutional academic schedules. It is also recommended that the workshops be held at or close to a minority engineering school, based on the tendency of AFOSR programs to lean towards the engineering field. Finally, the number of presentations should be reduced, considering the fact that many tend to overlap in information. Fewer presentations, representing a wider area of concern would allow more time for one to one interaction between participants and AFOSR personnel.

ATTACHMENT:    A

COLLEGES INVITEDFIRST REGIONAL WORKSHOP - North Carolina A & T State University

## INSTITUTIONS:

Delaware State College	Barber-Scotia College
Voorhees College	Bennett College
University of the District of Columbia	Johnson C. Smith University
Howard University	Livingstone College
Bethune-Cookman College	St. Augustines College
Florida Memorial College	Shaw University
Florida A & M University	Elizabeth City State University
Savannah State College	Fayetteville State University
Paine College	North Carolina Central University
Coppin State College	Winston-Salem State University
Morgan State College	Cheyney State College
University of Maryland, Eastern Shore	Lincoln University
Allen University	Hampton Institute
Benedict College	Norfolk State College
Claflin College	St. Paul's College
Morris College	Virginia State College
South Carolina State College	Virginia Union University

SECOND REGIONAL WORKSHOP - Tennessee State University

## INSTITUTIONS:

Fisk University	Stillman College	Spelman College
Knoxville College	Talladega College	Selma University
Lane College	Tuskegee Institute	Central State Univ.
LeMoyne-Owen College	Alcorn State University	Wilberforce University
Meharry Medical College	Jackson State University	Atlanta University
Alabama A & M University	Miss. Industrial College	Clark College
Alabama State University	Miss. Valley State Univ.	Morehouse College
Daniel Payne College	Rust College	Morris Brown College
Miles College	Tougaloo College	Albany State College
Oakwood College	Kentucky State University	Fort Valley State College

THIRD REGIONAL WORKSHOP - Texas Southern University

## INSTITUTIONS:

Bishop College	Dillard University
Huston-Tillotson College	Grambling State University
Jarvis Christian College	Sthrn. U. A & M , Main Campus
Paul-Quinn College	Sthrn. U. , New Orleans Campus
Prairie View A & M University	Xavier University of Louisiana
Texas College	Arkansas Baptist College
Philander Smith College	Langston University
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ATTACHMENT: C

Atlanta University Center  
360 Westview Drive, SW Atlanta, Georgia 30310 (404) 522-8980

April 15, 1981

Dear Colleague:

The Atlanta University, Inc. co-hosted an opportunities in Air Force Research and Development Workshop, under the sponsorship of the Air Force Office of Scientific Research, held in Atlanta, December 4, 1979. As a result of these efforts, scientists from 13 participating institutions received appointments for the AFOSR Summer Faculty Research Program for 1980.

The Atlanta University Center has been recently contracted by the Air Force Office of Scientific Research to conduct three regional workshops. This would be a series of three, one day workshops designed to provide information regarding the basic purposes and research concerns of the Air Force; the role of black institutions corresponding to these concerns; presentations regarding research objectives, faculty programs and development support for colleges and universities. The workshops are scheduled to be conducted as follows:

- FIRST REGIONAL WORKSHOP - North Carolina A & T State University, May 4-5, 1981  
Greensboro, North Carolina
- SECOND REGIONAL WORKSHOP - Tennessee State University, May 7-8, 1981  
Nashville, Tennessee
- THIRD REGIONAL WORKSHOP - Texas Southern University, May 11-12, 1981  
Houston, Texas

You are being extended an invitation to participate in the (First Regional Workshop). The workshop will cover the cost of round-trip coach air fare or 22 cents per mile automobile allowance, whichever is less. We will cover all normal taxi or limousine charges and reasonable expenses for meals and hotel.

I have enclosed a tentative agenda for the workshop, however, once you have accepted this invitation to participate you will receive more detailed information regarding hotel accommodations and scheduled workshop activities. If you, or someone else from your institution plan to participate, please contact my office April 20, 1981. With the task of coordinating three workshops, your prompt reply in this matter would be greatly appreciated.

We look forward to having your institution participate in what we expect to be a very informative and productive session with the U.S. Air Force.

Sincerely,

*Prince Rivers*  
Prince Rivers  
Provost



A T T A C H M E N T:    D



OFFICE OF THE PROVOST

Atlanta University Center  
360 Westview Drive, SW Atlanta, Georgia 30310 (404) 522-8980

April 23, 1981

DEAR PARTICIPANT:

We are pleased that you have accepted our invitation to participate in the (First Regional) Air Force Research and Development Workshop to be held at N.C. A & T State Univ., Greensboro, N.C. on May 4-5, 1981.

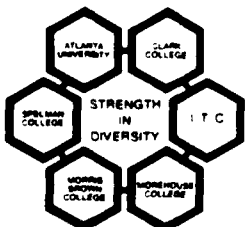
Hotel accommodations have been secured at the Downtowner Hotel, 201 E. Market Street, Greensboro. Reservations will be held until 6:00 p.m. the evening of May 4th. Again, the workshop will cover round-trip coach air-fare or 22 cents per mile automobile allowance, whichever is less. We will cover all normal taxi or limousine charges and reasonable expenses for meals & hotel.

There has been no change in the preliminary agenda. You are to be governed by the schedule originally outlined. The final agenda will be provided prior to the workshop sessions on May 5th.

We look forward to seeing you on the 4th.

Sincerely,

*Prince Rivers*  
Prince Rivers



OFFICE OF THE PROVOST

Atlanta University Center  
360 Westview Drive, SW Atlanta, Georgia 30310 (404) 522-8980

April 23, 1981

DEAR PARTICIPANT:

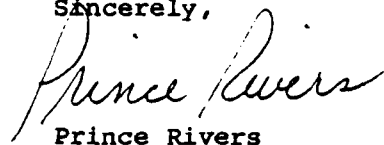
We are pleased that you have accepted our invitation to participate in the (Second Regional) Air Force Research and Development Workshop to be held at Tenn. State Univ., Nashville, TN. on May 7-8, 1981.

Hotel accommodations have been secured at the Ramada Inn - Capitol Hill, 840 James Robertson Pkwy., Nashville. Reservations will be held until 6:00 p.m. the evening of May 7th. Again the workshop will cover round-trip coach air-fare or 22 cents per mile automobile allowance, whichever is less. We will cover all normal taxi or limousine charges and reasonable expenses for meals & hotel.

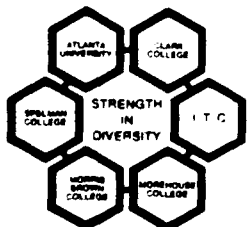
There has been no change in the preliminary agenda. You are to be governed by the schedule originally outlined. The final agenda will be provided prior to the workshop sessions on May 8th.

We look forward to seeing you on the 7th.

Sincerely,



Prince Rivers



OFFICE OF THE PROVOST

Atlanta University Center  
360 Westview Drive, SW Atlanta, Georgia 30310 (404) 522-8980

April 23, 1981

DEAR PARTICIPANT:

We are pleased that you have accepted our invitation to participate in the (Third Regional) Air Force Research and Development Workshop to be held at Texas Southern Univ., Houston, TX. on May 11-12, 1981.

Hotel accommodations have been secured at the Holiday Inn - Downtown 801 Calhoun Street, Houston. Reservations will be held until 6:00 p.m. the evening of May 11th. Again the workshop will cover round-trip coach air-fare or 22 cents per mile automobile allowance, whichever is less. We will cover all normal taxi or limousine charges and reasonable expenses for meals & hotel.

There has been no change in the preliminary agenda. You are to be governed by the schedule originally outlined. The final agenda will be provided prior to the workshop sessions on May 12th.

We look forward to seeing you on the 11th.

Sincerely,

*Prince Rivers*  
Prince Rivers



ATTACHMENT: E

Atlanta University Center  
360 Westview Drive, SW Atlanta, Georgia 30310 (404) 522-8980

April 15, 1981

A N N O U N C E M E N T

Dear Colleague:

The Atlanta University Center has been recently contracted by the U.S. Air Force Office of Scientific Research to conduct three regional workshops. This would be a series of three, one day workshops designed to provide information regarding the basic purposes and research concerns of the Air Force; the role of black institutions; corresponding to these concerns; presentations regarding research objectives, faculty programs and development support for colleges and universities.

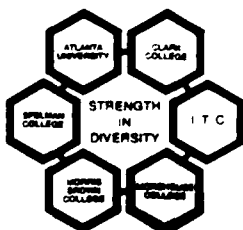
The (First Regional Workshop) will be held at your institution, May 4-5, 1981. I have enclosed a tentative agenda for the workshop activities. We are coordinating this effort with Dr. Richard Bennett, Dept. of Biology. The meeting rooms, etc. will be announced on your campus prior to the date of the workshop.

We look forward to having your institution participate in what we expect to be a very informative and productive session with the U.S. Air Force.

Sincerely,

*Prince Rivers*  
Prince Rivers, Provost  
Atlanta University Center

PR:kp



Atlanta University Center  
360 Westview Drive, SW Atlanta, Georgia 30310 (404) 522-8980

April 15, 1981

A N N O U N C E M E N T

Dear Colleague:

The Atlanta University Center has been recently contracted by the U.S. Air Force Office of Scientific Research to conduct three regional workshops. This would be a series of three, one day workshops designed to provide information regarding the basic purposes and research concerns of the Air Force; the role of black institutions; corresponding to these concerns; presentations regarding research objectives, faculty programs and development support for colleges and universities.

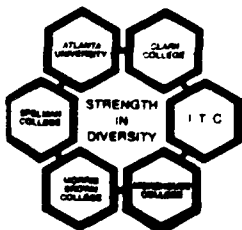
The (Second Regional Workshop) will be held at your institution, May 7-8, 1981. I have enclosed a tentative agenda for the workshop activities. We are coordinating this effort with Dr. Ed Risby, Department of Chemistry. The meeting rooms, etc. will be announced on your campus prior to the date of the workshop.

We look forward to having your institution participate in what we expect to be a very informative and productive session with the U.S. Air Force.

Sincerely,

*Prince Rivers*  
Prince Rivers, Provost  
Atlanta University Center

PR:kp



Atlanta University Center  
360 Westview Drive, SW Atlanta, Georgia 30310 (404) 522-8980

April 15, 1981

A N N O U N C E M E N T

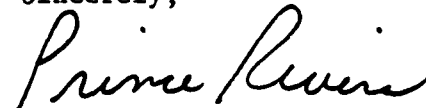
Dear Colleague:

The Atlanta University Center has been recently contracted by the U.S. Air Force Office of Scientific Research to conduct three regional workshops. This would be a series of three, one day workshops designed to provide information regarding the basic purposes and research concerns of the Air Force; the role of black institutions; corresponding to these concerns; presentations regarding research objectives, faculty programs and development support for colleges and universities.

The (Third Regional Workshop) will be held at your institution, May 11-12, 1981. I have enclosed a tentative agenda for the workshop activities. We are coordinating this effort with Dr. John Sessions, Dept. of Biology. The meeting rooms, etc. will be announced on your campus prior to the date of the workshop.

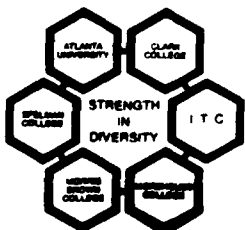
We look forward to having your institution participate in what we expect to be a very informative and productive session with the U.S. Air Force.

Sincerely,



Prince Rivers, Provost  
Atlanta University Center

PR:kp



ATTACHMENT: F



## GROUP AND INDIVIDUAL SESSIONS WITH USAF LABORATORY PERSONNEL

Preliminary Agenda  
AIR FORCE RESEARCH AND DEVELOPMENT WORKSHOP

Tennessee State University  
May 7-8, 1981

Thursday, May 7, 1981

(H O T E L) - Ramada Inn - Capitol Hill

4:00 p.m. - 6:00 p.m.

REGISTRATION

6:00 p.m. - 8:00 p.m.

Remarks-Tennessee State University Representative  
Dr. Prince Rivers, AUC, Inc.  
Larry Porter, Avionics Lab. AFWAL  
Richard Kopka, Office of Air Force Rsrch.

Air Force Research Development  
Development Support for Colleges & Universities,  
Faculty Program

Introduction of Laboratory Representatives:  
Larry Porter

8:00 p.m. - 10:00 p.m.

SOCIAL HOUR (Cash Bar)

Friday, May 8, 1981

To Be Designated

8:00 a.m. - 9:00 a.m.

REGISTRATION

9:00 a.m. - 10:15 a.m.

INTRODUCTION: Richard Kopka  
LABORATORY PRESENTATIONS:

Keith Collin, Flight Dynamics Laboratory  
Norman Tallam, Materials Laboratory  
Lt. Col. Charles Simon, Aero Propulsion  
Laboratory  
Lawrence Porter, Avionics Laboratory  
Maj. Richard Kopka, Rome Air Dvlp. Center  
Charles Howard, Geophysics Laboratory  
William Collier, Weapons Laboratory

10:15 a.m. - 10:30 a.m.

Coffee Break

10:30 a.m. - 12:00 noon

LABORATORY PRESENTATIONS: General Discussion

12:00 noon - 1:00 p.m.

LUNCH

1:00 p.m. - 3:00 p.m.

GROUP AND INDIVIDUAL SESSIONS WITH USAF  
LABORATORY PERSONNEL

Preliminary Agenda  
AIR FORCE RESEARCH AND DEVELOPMENT WORKSHOP

ATTACHMENT F

Texas Southern University  
May 11-12, 1981

Monday, May 11, 1981

(H O T E L) - Holiday Inn, Houston Downtown

4:00 p.m. - 6:00 p.m.

REGISTRATION

6:00 p.m. - 8:00 p.m.

Remarks - Texas Southern University Representative  
Dr. Prince Rivers, AUC, Inc.  
Larry Porter, Avionics Lab. AFWAL  
Richard Kopka, Office of Air Force Rsrch.

Air Force Research Development  
Development Support for Colleges & Universities  
Faculty Program

Introduction of Laboratory Representatives:  
Larry Porter

8:00 p.m. - 10:00 p.m.

SOCIAL HOUR (Cash Bar)

Tuesday, May 12, 1981

To Be Designated

8:00 a.m. - 9:00 a.m.

REGISTRATION

9:00 a.m. - 10:15 a.m.

INTRODUCTION: Richard Kopka  
LABORATORY PRESENTATIONS:

Col. Ralph L. Kuster, Flight Dynamics Lab.  
William Fredericks, Materials Lab.  
Lt. Col. Charles Simon, Aero Propulsion  
Larry Porter, Avionics Lab.  
Richard Kopka, Rome Air Development Center  
William Collier, Weapons Lab.  
Thomas Douthit, Aerospace Medical Division

10:15 a.m. - 10:30 a.m.

Coffee Break

10:30 a.m. - 12:00 noon

LABORATORY PRESENTATIONS: General Discussion

12:00 noon - 1:00 p.m.

LUNCH

1:00 p.m. - 3:00 p.m.

GROUP AND INDIVIDUAL SESSIONS WITH USAF  
LABORATORY PERSONNEL

ATTACHMENT: G

AUC/USAF REGIONAL WORKSHOPS  
Participant List

Dr. A. J. Mia  
Bishop College

Dr. Benjamin Gottliber  
Bishop College

Dr. Neing-eh Kekulah  
Dillard University

Dr. Jethro Terrell  
Grambling State University

Mrs. Mae F. Mansfield  
Grambling State University

Dr. General Marshall  
Huston-Tillotson College

Dr. Syed M. Naqvi  
Sthrn. Univ. A&M /Main Campus

Dr. Elliott C. Coleman, Jr.  
Texas College

Dr. James Anderson  
Xavier Univ. of Louisiana

Dr. John F. Johnson  
Jarvis-Christian College

Dr. George Hammonds  
Philander Smith College

Dr. Earl Doomes  
Sthrn. Univ. A&M /Main Campus

Dr. Wm. H. McArthur  
Univ. Arkansas-Pine Bluff

Dr. Benjamin Duhart  
Univ. Arkansas-Pine Bluff

Dr. George E. Brown  
Prairie View A&M University

Dr. Ervin Emanuel  
Prairie View A&M University

Dr. Washington Taylor  
Sthrn. Univ. A&M /Main Campus

Dr. John Session  
Texas Sthrn. University

Dr. Della D. Bell  
Texas Sthrn. University

Dr. A. Mackwell  
Texas Sthrn. University

Dr. Sunday O. Fadulu  
Texas Sthrn. University

Dr. Warren E. Williams  
Texas Sthrn. University

Dr. G. B. Aowze  
Texas Sthrn. University

Dr. Bobby L. Wilson  
Texas Sthrn. University

Dr. Salinderpaul Devgan  
Texas Sthrn. University

Dr. Robert Alexander  
Texas Sthrn. University

Dr. Melvin Hodges  
Sthrn. Univ./New Orleans Campus

Dr. Mukhtar Chaudhry  
Allen University

Dr. Julian Pyles  
Barber-Scotia College

Dr. Willie Funderburke  
Barber-Scotia College

Dr. Ingun Hahn  
Benedict College

Dr. Henry Lewis  
Benedict College

PARTICIPANT LIST - Page Two

Dr. Robert Tilidetzke  
Bennett College

Dr. Narsing Rao  
Bethune-Cookman College

Dr. Ronald Patterson  
Claflin College

Dr. Tossie Taylor  
Cheyney State College

Dr. Rhodell McFadden  
Elizabeth City State University

Dr. James Townes  
Elizabeth City State University

Dr. Linda Hayden  
Elizabeth City State University

Dr. Bobby Lewis  
Elizabeth City State University

Dr. Sohindar Sachden  
Elizabeth City State University

Dr. Morris Blount  
Fayetteville State College

Dr. A. S. Shetty  
Florida A&M University

Dr. Ralph W. Turner  
Florida A&M University

Dr. William Tucker  
Florida A&M University

Dr. H. K. Chaudhari  
Florida Memorial College

Dr. Appavoo Perumal  
Johnson S. Smith University

Dr. S. Subba Rao  
Lincoln University

Dr. G. Nagase  
Lincoln University

Dr. S. Munavalli  
Livingstone College

Dr. James Schooler  
N. C. Central University

Dr. Wm. Fletcher  
N. C. Central University

Dr. W. C. Cheng  
Paine College

Dr. George Ivey  
Paine College

Dr. Edward Gause  
Paine College

Dr. N. Datta-Gupta  
S. C. State College

Dr. Carl Clark  
S. C. State College

Dr. Sharma  
Winston Salem State University

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N. C. A&T State University

Dr. Nadier M. Chopra  
N. C. A&T State University

Dr. Alex Williamson  
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Dr. Victor Zaloon  
N. C. A&T State University

Dr. Avva Sharma  
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Dr. Yogi Goswami  
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PARTICIPANT LIST - Page Three

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Dr. Kwo-Sun Chu  
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Dr. Vera B. Hayden  
Alcorn State University

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Alcorn State University

Dr. S. P. Makhija  
Alabama State University

Dr. Susanta Ghorai  
Alabama State University

Dr. Richard Propes  
Talladega College

Dr. George Grayson  
Alabama A&M University

Dr. M. Cherian George  
Alabama A&M University

Dr. John W. Bales  
Tuskegee Institute

Dr. James Sutton  
Miles College

Dr. Charles Jones  
Miles College

Dr. F. Jalali  
Fort Valley State College

Dr. Alexander H. Fluellen  
Clark College

Dr. Libby W. Chou  
Alabama A&M University

Dr. K.B. Bota  
Atlanta University

Dr. Stanley Evans  
Meharry Medical College

Dr. I. Wesley Elliott  
Fisk University

Mr. Edward Essien  
Knoxville College

Dr. Donald Mickens  
Fisk University

Dr. Jerry Shipman  
Alabama A&M University

Dr. I. K. Kothari  
Tuskegee Institute

Dr. Kichoon Chang  
Alabama A&M University

Dr. William White  
Jackson State University

Dr. E. L. Risby  
Tennessee State University

Dr. V. S. Santry  
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Lane College

Dr. S. Tetenbaum  
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PARTICIPANT LIST - Page Four

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Dr. Gus Tomunson  
Tennessee State University

Dr. Gregory Komives  
Tennessee State University

Dr. P. R. Thangudu  
Tennessee State University

Dr. Calvin Gibson  
Tennessee State University

Dr. Eva B. Landers  
Tennessee State University

Dr. John Mallette  
Tennessee State University



ATTACHMENT: H

FINANCIAL DOCUMENTATION

AUC/USAF Regional Workshops

EXPENSES INCURRED:

Administrative Overhead	\$ 8,000.00
Travel/Per Diem	15,818.01
Hotel	3,049.16
Supplies	325.00
Postage	28.95
Telephone	109.73
Miscellaneous	<u>279.00</u>
TOTAL EXPENSES:	\$ 27,609.85
INVOICE (5-20-81):	- <u>27,150.00</u>
	459.85